

**10/565627**  
**IAP20 Rec'd PCT/PTO 24 JAN 2006**  
**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q76804

Takashi OHKUBO, et al

Appln. No.: National Stage of PCT/JP2004/011007

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: January 24, 2006

Examiner: Unknown

For: HIGH DENSITY ELECTRODE AND BATTERY USING THE ELECTRODE

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

INFORMATION DISCLOSURE STATEMENT

Appln. No.: National Stage of PCT/JP2004/011007

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filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents (International Search Report for PCT/JP2004/011007 dated May 10, 2005), together with an English-language version (if not already included) of at least that portion of the Communication indicating the degree of relevance found by the foreign patent office.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations: English language abstracts, submitted herewith, constitute concise statements or relevance for Japanese Patent Application Publication Nos. 4-237971 and 8-136439 which are cited and discussed on pages 4 and 39 of the specification.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

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The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



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Date: January 24, 2006

Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	National Stage of PCT/JP2004/011007
Confirmation Number	Unknown
Filing Date	January 24, 2006
First Named Inventor	Takashi OHKUBO
Art Unit	<del>Unknown</del> 1795
Examiner Name	Kalafut
Attorney Docket Number	Q76804

Sheet 1 of 2

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
/SK/		US 6,194,099	B1	02/27/2001	YORDAN M. GERNOV, ET AL
/SK/		US 5,437,943	A	08/01/1995	TOSHISHIGE FUJII, ET AL
/SK/		US 2004/0043293	A1	03/04/2004	MIKITO NAGATA, ET AL
		US			
		US			
		US			
		US			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
/SK/		EP	1 191 131	A1	03/27/2002	SHOWA DENKO KABUSHIKI KAISHA	
		JP	4-155776	A	05/28/1992	MATSUSHITA ELECTRIC IND. CO. LTD.	Abstract
		EP	0 858 119	A2	08/12/1998	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	
		EP	1 265 301	A	12/11/2002	mitsui mining co., ltd.	
		JP	11-149824	A	06/02/1999	SHOWA DENKO KK	Abstract
		JP	11-147989	A	06/02/1999	SHOWA DENKO KK	Abstract
		JP	4-237971	A	08/26/1992	MATSUSHITA ELECTRIC IND. CO. LTD.	Abstract
/SK/		JP	8-136439	A	05/31/1996	TOA MEDICAL ELECTRONICS CO. LTD.	Abstract

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
/SK/		CHRISTINE A. FRYSZ, ET AL, "CARBON FILAMENTS AND CARBON BLACK AS A CONDUCTIVE ADDITIVE TO THE MANGANESE DIOXIDE CATHODE OF A LITHIUM ELECTROLYTIC CELL", JOURNAL OF POWER SOURCES, Vol. 58, 1996 pages 41-54	(no month)

Examiner Signature

/Stephen Kalafut/

Date Considered

04/17/2008

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.